

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-275107

(43)Date of publication of application : 24.10.1995

(51)Int.Cl.

A47G 27/02

B32B 5/24

(21)Application number : 06-090639

(71)Applicant : INOAC CORP

(22)Date of filing : 04.04.1994

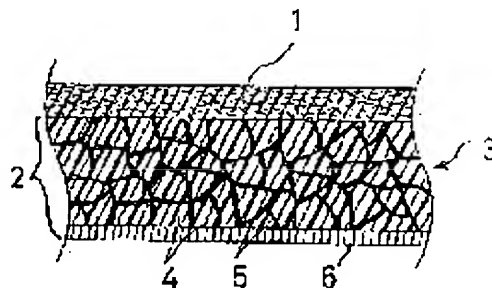
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(54) POLYURETHANE LINING MATERIAL FOR CARPET AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To provide a polyurethane lining material for carpets which is inexpensive and is excellent in durability, thickness accuracy, etc., by reutilizing a soft polyurethane foam which is industrial waste and a process for producing such lining material.

CONSTITUTION: This polyurethane lining material 2 for carpets consists of a polyurethane elastic material 3 and a non-woven fabric 6 as a reinforcing layer integrally joined to one surface thereof. A carpet fabric 1 is joined to the front surface of this lining material 2, by which the carpet is obtd. The polyurethane elastic material 3 is formed by bonding and solidifying raw materials mainly composed of urethane chips 4 formed by crushing the soft polyurethane foams by a urethane binder 5, then compressing and thermally fixing such solidified matter. The elastic material is so formed that its breaking strength measured by a prescribed measurement method is $\geq 0.5\text{kg/m}$ and that the thickness accuracy of the lining material 2 is below the prescribed thickness of $\pm 0.5\text{mm}$.



LEGAL STATUS

[Date of request for examination] 08.03.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3356873

[Date of registration] 04.10.2002

[Number of appeal against examiner's decision of

rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]